



## S / MF Series

OILDYNAMIC CLICKING PRESSES WITH TURNING ARM



THE ATOM 70-YEAR EXPERIENCE IN DESIGNING AND MANUFACTURING CUTTING PRESSES ASSURES ITS PRODUCTS OF THEIR GREAT RELIABILITY, LOW CONSUMPTION, NO MAINTENANCE AND QUICK RETURN OF INVESTMENT. THE UNIQUE ELECTRO-MECHANIC COMPONENTS DESIGNED BY ATOM GRANTS: CONSTANT CUTTING PRESSURE DURING THE WHOLE WORKING DAY, MAXIMUM WORKING SPEED, INCOMPARABLE CUTTING ACCURACY, MAXIMUM ARM ROTATION LIGHTNESS FOR THE MINIMUM OPERATOR'S FATIGUE.



All the models can be provided in CE version or in Extra-CE version

#### **SE Series**

Models with automatic stroke-end setting-up to cut with dies of different heights without any adjustment and single potentiometer.

#### **S1 Series**

Models with automatic stroke-end setting-up, three pushbutton cutting power selector and two potentiometers to quickly select the cutting force according to the die size.

#### **Multiforce Series**

Models with Multiforce stroke-end system, covered by international patent. The cutting press automatically adjusts the cutting force according to the die size, no matter how resistant or thick is the material to be cut.



#### CAST IRON BASE

Cast iron base, very resistant to stress, it ensures long-lasting and reduces noise level.



#### TIME INTERLOCK SYNCHRONIZATION

Pushbutton controls with time interlock synchronization allow to match maximum operator's safety and ease of use.



#### PROGRAMMABLE CUT-COUNTER

The optional programmable cut-counter allows to control the exact number of pieces cut or to plan the automatic stop of the cutting session as the planned quantity is reached.



#### 24 VERSIONS AVAILABLE

The range of Atom oildynamic cutting presses allows to choose among 24 different versions to satisfy all the cutting needs in many industrial fields.

## Multiforce

### UNIQUE AUTOMATIC POWER SETTING-UP SYSTEM

The **Atom Multiforce oildynamic cutting presses** ensure the best ease of use and the high productivity thanks to the unique Multiforce system, which allows to quickly switch among dies of different sizes without any setting. This system is able to automatically adapt the cutting force to any die, no matter the strength of the material, allowing to get a great cost saving in cutting pads (up to 50% less) and production time. The light swing system ensures a great ease in arm rotation for the minimum operator's fatigue.





# S / MF Series

RELIABLE,  
SPEEDY,  
USER-FRIENDLY

Models for footwear  
and leathersgoods, apparel,  
gaskets, automotive



## TECHNICAL DATA

| S1 / SE SERIES |              | CUTTING TABLE<br>(mm) | ARM WIDTH<br>(mm) | MAXIMUM CUTTING POWER<br>(t - kN) | SIZES<br>(mm)  | NET WEIGHT, WITH OIL<br>(Kg) |
|----------------|--------------|-----------------------|-------------------|-----------------------------------|----------------|------------------------------|
| <b>S108</b>    | <b>SE8</b>   | 600x300               | 300               | 8 t - 78 kN                       | 600x690x1330   | 430                          |
| <b>S120C</b>   | <b>SE20C</b> | 900x430               | 370               | 20 t - 196 kN                     | 900x870x1400   | 630                          |
| <b>S120</b>    | <b>SE20</b>  | 900x450               | 370               | 22 t - 216 kN                     | 900x960x1425   | 880                          |
| <b>S122</b>    | <b>SE22</b>  | 1200x500              | 500               | 22 t - 216 kN                     | 1200x1030x1425 | 1060                         |
| <b>S124C</b>   | <b>SE24C</b> | 900x450               | 370               | 25 t - 245 kN                     | 900x960x1425   | 880                          |
| <b>S124</b>    | <b>SE24</b>  | 1000x500              | 370               | 25 t - 245 kN                     | 1000x1010x1425 | 990                          |
| <b>S125C</b>   | <b>SE25C</b> | 900x450               | 500               | 25 t - 245 kN                     | 900x960x1425   | 900                          |
| <b>S125</b>    | <b>SE25</b>  | 1000x500              | 500               | 25 t - 245 kN                     | 1000x1030x1425 | 1030                         |
| <b>S125L</b>   | <b>SE25L</b> | 1000x500              | 610               | 25 t - 245 kN                     | 1000x1030x1425 | 1050                         |

| MULTIFORCE    |  | CUTTING TABLE<br>(mm) | ARM WIDTH<br>(mm) | MAXIMUM CUTTING POWER<br>(t - kN) | SIZES<br>(mm)  | NET WEIGHT, WITH OIL<br>(Kg) |
|---------------|--|-----------------------|-------------------|-----------------------------------|----------------|------------------------------|
| <b>MF 20C</b> |  | 900x430               | 370               | 20 t - 196 kN                     | 900x1000x1710  | 660                          |
| <b>MF 9.1</b> |  | 900x450               | 370               | 22 t - 216 kN                     | 900x1090x1710  | 910                          |
| <b>MF 9.3</b> |  | 1000x500              | 370               | 25 t - 245 kN                     | 1000x1140x1710 | 1020                         |
| <b>MF 9.4</b> |  | 1000x500              | 500               | 25 t - 245 kN                     | 1000x1160x1710 | 1060                         |
| <b>MF 9.5</b> |  | 1000x500              | 610               | 25 t - 245 kN                     | 1000x1160x1710 | 1080                         |
| <b>MF 9.6</b> |  | 1200x500              | 610               | 22 t - 216 kN                     | 1200x1160x1710 | 1100                         |

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HEADQUARTERS

**ATOM ITALY**

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